

Simon P Graham

List of Publications by Year in descending order

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91
papers

2,844
citations

136950

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214800

47
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all docs

96
docs citations

96
times ranked

3323
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyses of the Impact of Immunosuppressive Cytokines on Porcine Macrophage Responses and Susceptibility to Infection to African Swine Fever Viruses. <i>Pathogens</i> , 2022, 11, 166.	2.8	8
2	Evaluation of electropolymerized molecularly imprinted polymers (E-MIPs) on disposable electrodes for detection of SARS-CoV-2 in saliva. <i>Analytica Chimica Acta</i> , 2022, 1206, 339777.	5.4	42
3	The pig as an amplifying host for new and emerging zoonotic viruses. <i>One Health</i> , 2022, 14, 100384.	3.4	19
4	Cellular and Humoral Immune Responses after Immunisation with Low Virulent African Swine Fever Virus in the Large White Inbred Babraham Line and Outbred Domestic Pigs. <i>Viruses</i> , 2022, 14, 1487.	3.3	7
5	Depletion of CD8 ⁺ T cells from vaccinated goats does not affect protection from challenge with wild-type peste des petits ruminants virus. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3320-3334.	3.0	5
6	Micro-fusion inhibition tests: quantifying antibody neutralization of virus-mediated cell-cell fusion. <i>Journal of General Virology</i> , 2021, 102, .	2.9	21
7	A COVID-19 vaccine candidate using SpyCatcher multimerization of the SARS-CoV-2 spike protein receptor-binding domain induces potent neutralising antibody responses. <i>Nature Communications</i> , 2021, 12, 542.	12.8	200
8	Thermal limits for flight activity of field-collected Culicoides in the United Kingdom defined under laboratory conditions. <i>Parasites and Vectors</i> , 2021, 14, 55.	2.5	8
9	Isolation of Porcine Reproductive and Respiratory Syndrome Virus GP5-Specific, Neutralizing Monoclonal Antibodies From Hyperimmune Sows. <i>Frontiers in Immunology</i> , 2021, 12, 638493.	4.8	10
10	Protective porcine influenza virus-specific monoclonal antibodies recognize similar haemagglutinin epitopes as humans. <i>PLoS Pathogens</i> , 2021, 17, e1009330.	4.7	13
11	Comparative Phenotypic and Functional Analyses of the Effects of IL-10 or TGF- β 2 on Porcine Macrophages. <i>Animals</i> , 2021, 11, 1098.	2.3	19
12	Targeting Toll-Like Receptor 2: Polarization of Porcine Macrophages by a Mycoplasma-Derived Pam2cys Lipopeptide. <i>Vaccines</i> , 2021, 9, 692.	4.4	8
13	Activation of Dendritic Cells in Tonsils Is Associated with CD8 T Cell Responses following Vaccination with Live Attenuated Classical Swine Fever Virus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8795.	4.1	2
14	Antiviral Efficacy of Metal and Metal Oxide Nanoparticles against the Porcine Reproductive and Respiratory Syndrome Virus. <i>Nanomaterials</i> , 2021, 11, 2120.	4.1	3
15	Combinatorial F-G Immunogens as Nipah and Respiratory Syncytial Virus Vaccine Candidates. <i>Viruses</i> , 2021, 13, 1942.	3.3	10
16	Changes in the Nasal Microbiota of Pigs Following Single or Co-Infection with Porcine Reproductive and Respiratory Syndrome and Swine Influenza A Viruses. <i>Pathogens</i> , 2021, 10, 1225.	2.8	6
17	Simultaneous Infection With Porcine Reproductive and Respiratory Syndrome and Influenza Viruses Abrogates Clinical Protection Induced by Live Attenuated Porcine Reproductive and Respiratory Syndrome Vaccination. <i>Frontiers in Immunology</i> , 2021, 12, 758368.	4.8	11
18	Bovine Pestivirus Heterogeneity and Its Potential Impact on Vaccination and Diagnosis. <i>Viruses</i> , 2020, 12, 1134.	3.3	25

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19	Establishment of a Pig Influenza Challenge Model for Evaluation of Monoclonal Antibody Delivery Platforms. <i>Journal of Immunology</i> , 2020, 205, 648-660.	0.8	22
20	Evaluation of the immunogenicity of prime-boost vaccination with the replication-deficient viral vectored COVID-19 vaccine candidate ChAdOx1 nCoV-19. <i>Npj Vaccines</i> , 2020, 5, 69.	6.0	121
21	Comparison of Macrophage Responses to African Swine Fever Viruses Reveals that the NH/P68 Strain is Associated with Enhanced Sensitivity to Type I IFN and Cytokine Responses from Classically Activated Macrophages. <i>Pathogens</i> , 2020, 9, 209.	2.8	29
22	Bovine Herpesvirus-4-Vectored Delivery of Nipah Virus Glycoproteins Enhances T Cell Immunogenicity in Pigs. <i>Vaccines</i> , 2020, 8, 115.	4.4	27
23	Head Start Immunity: Characterizing the Early Protection of C Strain Vaccine Against Subsequent Classical Swine Fever Virus Infection. <i>Frontiers in Immunology</i> , 2019, 10, 1584.	4.8	9
24	Porcine Dendritic Cells and Viruses: An Update. <i>Viruses</i> , 2019, 11, 445.	3.3	20
25	Evaluation of Molecularly Imprinted Polymers as Synthetic Virus Neutralizing Antibody Mimics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 115.	4.1	24
26	Establishment of Systems to Enable Isolation of Porcine Monoclonal Antibodies Broadly Neutralizing the Porcine Reproductive and Respiratory Syndrome Virus. <i>Frontiers in Immunology</i> , 2019, 10, 572.	4.8	6
27	Vaccine Development for Nipah Virus Infection in Pigs. <i>Frontiers in Veterinary Science</i> , 2019, 6, 16.	2.2	19
28	The major histocompatibility complex homozygous inbred Babraham pig as a resource for veterinary and translational medicine. <i>Hla</i> , 2018, 92, 40-43.	0.6	33
29	Infection of monocytes with European porcine reproductive and respiratory syndrome virus (PRRSV-1) strain Lena is significantly enhanced by dexamethasone and IL-10. <i>Virology</i> , 2018, 517, 199-207.	2.4	18
30	Recent advances in veterinary applications of structural vaccinology. <i>Current Opinion in Virology</i> , 2018, 29, 33-38.	5.4	4
31	Interaction of porcine monocyte-derived dendritic cells with African swine fever viruses of diverse virulence. <i>Veterinary Microbiology</i> , 2018, 216, 190-197.	1.9	41
32	Comparison of the Immunogenicities and Cross-Lineage Efficacies of Live Attenuated Peste des Petits Ruminants Virus Vaccines PPRV/Nigeria/75/1 and PPRV/Sungri/96. <i>Journal of Virology</i> , 2018, 92, .	3.4	41
33	Characterization of the Myeloid Cell Populations™ Resident in the Porcine Palatine Tonsil. <i>Frontiers in Immunology</i> , 2018, 9, 1800.	4.8	23
34	Establishment of a Bovine Viral Diarrhea Virus Type 2 Intranasal Challenge Model for Assessing Vaccine Efficacy. <i>Frontiers in Veterinary Science</i> , 2018, 5, 24.	2.2	3
35	Comparative analysis of adaptive immune responses following experimental infections of cattle with bovine viral diarrhoea virus-1 and an Asiatic atypical ruminant pestivirus. <i>Vaccine</i> , 2018, 36, 4494-4500.	3.8	6
36	CD1 ^{hi} and CD1 ⁺ porcine blood dendritic cells are enriched for the orthologues of the two major mammalian conventional subsets. <i>Scientific Reports</i> , 2017, 7, 40942.	3.3	37

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37	Characterization of the interaction of African swine fever virus with monocytes and derived macrophage subsets. <i>Veterinary Microbiology</i> , 2017, 198, 88-98.	1.9	56
38	Evaluation of hydrophobic chitosan-based particulate formulations of porcine reproductive and respiratory syndrome virus vaccine candidate T cell antigens. <i>Veterinary Microbiology</i> , 2017, 209, 66-74.	1.9	14
39	Porcine reproductive and respiratory syndrome type 1 viruses induce hypoplasia of erythroid cells and myeloid cell hyperplasia in the bone marrow of experimentally infected piglets independently of the viral load and virulence. <i>Veterinary Microbiology</i> , 2017, 201, 126-135.	1.9	10
40	Comparative phenotypic and functional analyses of the effects of autologous plasma and recombinant human macrophage-colony stimulating factor (M-CSF) on porcine monocyte to macrophage differentiation. <i>Veterinary Immunology and Immunopathology</i> , 2017, 187, 80-88.	1.2	14
41	Design and evaluation of the immunogenicity and efficacy of a biomimetic particulate formulation of viral antigens. <i>Scientific Reports</i> , 2017, 7, 13743.	3.3	24
42	Pathology and Virus Distribution in the Lung and Lymphoid Tissues of Pigs Experimentally Inoculated with Three Distinct Type 1 PRRS Virus Isolates of Varying Pathogenicity. <i>Transboundary and Emerging Diseases</i> , 2016, 63, 285-295.	3.0	58
43	The Non-structural Protein 5 and Matrix Protein Are Antigenic Targets of T Cell Immunity to Genotype 1 Porcine Reproductive and Respiratory Syndrome Viruses. <i>Frontiers in Immunology</i> , 2016, 7, 40.	4.8	22
44	Establishing Porcine Monocyte-Derived Macrophage and Dendritic Cell Systems for Studying the Interaction with PRRSV-1. <i>Frontiers in Microbiology</i> , 2016, 7, 832.	3.5	53
45	Challenges in Veterinary Vaccine Development and Immunization. <i>Methods in Molecular Biology</i> , 2016, 1404, 3-35.	0.9	20
46	CD8 ⁺ T cell responses against the immunodominant <i>Theileria parva</i> peptide Tp2 ₄₉₋₅₉ are composed of two distinct populations specific for overlapping 11-mer and 10-mer epitopes. <i>Immunology</i> , 2016, 149, 172-185.	4.4	9
47	Limited genetic and antigenic diversity within parasite isolates used in a live vaccine against <i>Theileria parva</i> . <i>International Journal for Parasitology</i> , 2016, 46, 495-506.	3.1	41
48	Thymic depletion of lymphocytes is associated with the virulence of PRRSV-1 strains. <i>Veterinary Microbiology</i> , 2016, 188, 47-58.	1.9	17
49	Host-pathogen interactions during porcine reproductive and respiratory syndrome virus 1 infection of piglets. <i>Virus Research</i> , 2015, 202, 135-143.	2.2	34
50	A comparative study of the local cytokine response in the lungs of pigs experimentally infected with different PRRSV-1 strains: Upregulation of IL-1 β in highly pathogenic strain induced lesions. <i>Veterinary Immunology and Immunopathology</i> , 2015, 164, 137-147.	1.2	34
51	Comparative analysis of cytokine transcript profiles within mediastinal lymph node compartments of pigs after infection with porcine reproductive and respiratory syndrome genotype 1 strains differing in pathogenicity. <i>Veterinary Research</i> , 2015, 46, 34.	3.0	17
52	Assessment of the enhancement of PLGA nanoparticle uptake by dendritic cells through the addition of natural receptor ligands and monoclonal antibody. <i>Vaccine</i> , 2015, 33, 6588-6595.	3.8	17
53	Early Responses of Natural Killer Cells in Pigs Experimentally Infected with 2009 Pandemic H1N1 Influenza A Virus. <i>PLoS ONE</i> , 2014, 9, e100619.	2.5	16
54	Partial Activation of Natural Killer and $\gamma\delta$ T Cells by Classical Swine Fever Viruses Is Associated with Type I Interferon Elicited from Plasmacytoid Dendritic Cells. <i>Vaccine Journal</i> , 2014, 21, 1410-1420.	3.1	16

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55	Proteome-wide screening of the European porcine reproductive and respiratory syndrome virus reveals a broad range of T cell antigen reactivity. <i>Vaccine</i> , 2014, 32, 6828-6837.	3.8	35
56	Increased pathogenicity of European porcine reproductive and respiratory syndrome virus is associated with enhanced adaptive responses and viral clearance. <i>Veterinary Microbiology</i> , 2013, 163, 13-22.	1.9	96
57	Enhanced infectivity of H5N1 highly pathogenic avian influenza (HPAI) virus in pig ex vivo respiratory tract organ cultures following adaptation by in vitro passage. <i>Virus Research</i> , 2013, 178, 383-391.	2.2	5
58	Comparative analysis of immune responses following experimental infection of pigs with European porcine reproductive and respiratory syndrome virus strains of differing virulence. <i>Veterinary Microbiology</i> , 2013, 163, 1-12.	1.9	69
59	Assessment of the Phenotype and Functionality of Porcine CD8 T Cell Responses following Vaccination with Live Attenuated Classical Swine Fever Virus (CSFV) and Virulent CSFV Challenge. <i>Vaccine Journal</i> , 2013, 20, 1604-1616.	3.1	56
60	The bovine CD1D gene has an unusual gene structure and is expressed but cannot present Î±-galactosylceramide with a C26 fatty acid. <i>International Immunology</i> , 2013, 25, 91-98.	4.0	16
61	Differential lung NK cell responses in avian influenza virus infected chickens correlate with pathogenicity. <i>Scientific Reports</i> , 2013, 3, 2478.	3.3	37
62	Proteome-Wide Screening Reveals Immunodominance in the CD8 T Cell Response against Classical Swine Fever Virus with Antigen-Specificity Dependent on MHC Class I Haplotype Expression. <i>PLoS ONE</i> , 2013, 8, e84246.	2.5	28
63	Characterisation of vaccine-induced, broadly cross-reactive IFN-Î³ secreting T cell responses that correlate with rapid protection against classical swine fever virus. <i>Vaccine</i> , 2012, 30, 2742-2748.	3.8	48
64	Challenge of Pigs with Classical Swine Fever Viruses after C-Strain Vaccination Reveals Remarkably Rapid Protection and Insights into Early Immunity. <i>PLoS ONE</i> , 2012, 7, e29310.	2.5	89
65	Treatment of cattle with DNA-encoded Flt3L and GM-CSF prior to immunization with <i>Theileria parva</i> candidate vaccine antigens induces CD4 and CD8 T cell IFN-Î³ responses but not CTL responses. <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 244-251.	1.2	12
66	Two <i>Theileria parva</i> CD8 T Cell Antigen Genes Are More Variable in Buffalo than Cattle Parasites, but Differ in Pattern of Sequence Diversity. <i>PLoS ONE</i> , 2011, 6, e19015.	2.5	62
67	Extensive Polymorphism and Evidence of Immune Selection in a Highly Dominant Antigen Recognized by Bovine CD8 T Cells Specific for <i>Theileria annulata</i> . <i>Infection and Immunity</i> , 2011, 79, 2059-2069.	2.2	53
68	Characterisation of experimental infections of domestic pigs with genotype 2.1 and 3.3 isolates of classical swine fever virus. <i>Veterinary Microbiology</i> , 2010, 142, 26-33.	1.9	41
69	Characterisation of virus-specific peripheral blood cell cytokine responses following vaccination or infection with classical swine fever viruses. <i>Veterinary Microbiology</i> , 2010, 142, 34-40.	1.9	26
70	MHC Class I Bound to an Immunodominant <i>Theileria parva</i> Epitope Demonstrates Unconventional Presentation to T Cell Receptors. <i>PLoS Pathogens</i> , 2010, 6, e1001149.	4.7	48
71	CD8 ⁺ T cell responses to <i>Theileria parva</i> are preferentially directed to a single dominant antigen: Implications for parasite strain-specific immunity. <i>European Journal of Immunology</i> , 2009, 39, 2459-2469.	2.9	66
72	Fusion of a cell penetrating peptide from HIV-1 TAT to the <i>Theileria parva</i> antigen Tp2 enhances the stimulation of bovine CD8 ⁺ T cell responses. <i>Veterinary Immunology and Immunopathology</i> , 2009, 130, 107-113.	1.2	6

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73	Theileria. , 2009, , 191-231.		10
74	Evaluation of the recognition of Theileria parva vaccine candidate antigens by cytotoxic T lymphocytes from Zebu cattle. Veterinary Immunology and Immunopathology, 2008, 121, 216-221.	1.2	14
75	Characterization of the Fine Specificity of Bovine CD8 T-Cell Responses to Defined Antigens from the Protozoan Parasite<i>Theileria parva</i>. Infection and Immunity, 2008, 76, 685-694.	2.2	72
76	Immunostimulatory CpG oligodeoxynucleotides enhance the induction of bovine CD4+ cytotoxic T-lymphocyte responses against the polymorphic immunodominant molecule of the protozoan parasite Theileria parva. Veterinary Immunology and Immunopathology, 2007, 115, 383-389.	1.2	9
77	A novel strategy for the identification of antigens that are recognised by bovine MHC class I restricted cytotoxic T cells in a protozoan infection using reverse vaccinology. Immunome Research, 2007, 3, 2.	0.1	31
78	Theileria parva candidate vaccine antigens recognized by immune bovine cytotoxic T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3286-3291.	7.1	129
79	In a bovine model of onchocerciasis, protective immunity exists naturally, is absent in drug-cured hosts, and is induced by vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5971-5976.	7.1	47
80	Analysis of the transcriptome of the protozoan Theileria parva using MPSS reveals that the majority of genes are transcriptionally active in the schizont stage. Nucleic Acids Research, 2005, 33, 5503-5511.	14.5	50
81	Characterization of efferent lymph cells and their function following immunization of cattle with an allogenic Theileria annulata infected cell line. Veterinary Immunology and Immunopathology, 2003, 93, 39-49.	1.2	7
82	Is timing™ important for cytokine polarization?. Trends in Immunology, 2002, 23, 246-249.	6.8	36
83	Proinflammatory cytokine expression by Theileria annulata infected cell lines correlates with the pathology they cause in vivo. Vaccine, 2001, 19, 2932-2944.	3.8	41
84	Transient transfection of Theileria annulata. Molecular and Biochemical Parasitology, 2001, 114, 53-61.	1.1	21
85	Down-Regulated Lymphoproliferation Coincides with Parasite Maturation and with the Collapse of Both Gamma Interferon and Interleukin-4 Responses in a Bovine Model of Onchocerciasis. Infection and Immunity, 2001, 69, 4313-4319.	2.2	38
86	Onchocerca volvulus: Comparative Analysis of Antibody Responses to Recombinant Antigens in Two Animal Models of Onchocerciasis. Experimental Parasitology, 2000, 94, 158-162.	1.2	16
87	Distinct Response Kinetics of Gamma Interferon and Interleukin-4 in Bovine Tuberculosis. Infection and Immunity, 2000, 68, 5393-5400.	2.2	54
88	Patterns of Onchocerca volvulus recombinant antigen recognition in a bovine model of onchocerciasis. Parasitology, 1999, 119, 603-612.	1.5	13
89	Cytokines and the protective host immune response to Chlamydia psittaci. Comparative Immunology, Microbiology and Infectious Diseases, 1998, 21, 15-26.	1.6	22
90	Recombinant ovine interferon gamma inhibits the multiplication of Chlamydia psittaci in ovine cells. Journal of Comparative Pathology, 1995, 112, 185-195.	0.4	39

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91	Fc-Mediated Functions of Porcine IgG Subclasses. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	12